

## A NEW SPECIES OF THE GENUS *STRONGYLUM* KIRBY (COLEOPTERA, TENEBRIONIDAE) FROM CHINA

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**Abstract** *Strongylum zhengi* sp. nov., is described and its major characters are illustrated. Type specimen is deposited in the Institute of Zoology Chinese Academy of Sciences.

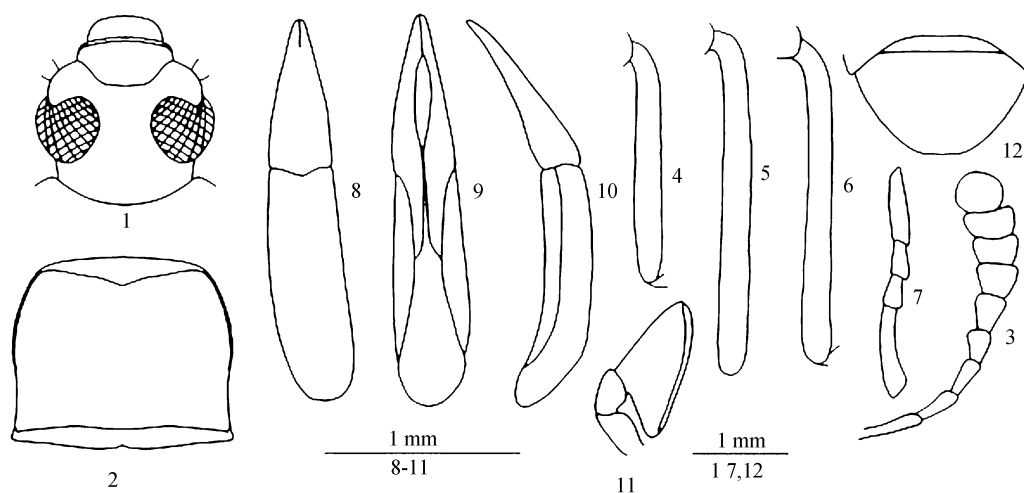
**Key words** Coleoptera, Tenebrionidae, Strongyliini, new species.

In our continuous research on the genus *Strongylum* Kirby, 1818, we discovered a new species from Guangxi Zhuang Autonomous Region in China. The type specimen of the new species is deposited in the Institute of Zoology, Chinese Academy of Sciences.

*Strongylum zhengi* sp. nov. (Figs. 1–13)

**Male.** Body subparallel-sided, longitudinally convex. Black, pronotum and scutellum reddish, metafemora yellowish near apex (black at apical 1/6); ventral surface black, partly reddish brown, especially anal sternite and lateral sides of 3<sup>rd</sup> and 4<sup>th</sup> segments of abdomen more obvious; head almost flat, pronotum shining sericeously, elytra brassily shining, ventral surface moderately vitreously shining. Head subdecagonal, with bent haired close punctures; clypeus gently inclined anteriorly, bent ventrad in front, subparallel-sided, fronto-clypeal border weakly arcuate; genae raised antero-laterad, with rounded out margins; frons rather wide, rather steeply inclined forward, very

coarsely punctate, and often fused each other, with a short median depression in medio-posterior part between eyes, diameter 0.77 times the width of an eye transverse diameter; eyes medium-sized and convex; vertex weakly impressed. Antennae subclavate, 6<sup>th</sup>–11<sup>th</sup> segments dilated at apices, 8<sup>th</sup> nearly same as long as wide, 9<sup>th</sup>–11<sup>th</sup> longer than wide, reaching the base of pronotum, relative length of 2<sup>nd</sup>–11<sup>th</sup> segments: 0.3, 1.4, 0.85, 0.65, 0.75, 0.7, 0.5, 0.55, 0.85. Terminal joint of maxillary palpi strongly dilated, acutely triangular. Pronotum subquadrate, about 1.25 times as wide as long, widest at middle; anterior border nearly straight, ridged in a widely triangular zone; base margined, weakly bisinuate; sides finely margined, which are visible in dorsal view; anterior angles rounded, posterior angles subrectangular; disc irregularly convex, with Y-shaped median groove, with a deep oblique depression at basal 1/3 and a finely, roundly depressed near posterior border on each side, closely, largely punctate, often fused each other in lateral part. Scutellum triangular, impunctate, impressed in



Figs 1–12. *Strongylum zhengi* sp. nov. 1. Head. 2. Pronotum. 3. Antenna. 4. Protibia. 5. Mesotibia. 6. Metatibia. 7. Metatarsus. 8–10. Aedeagus in dorsal, ventral and lateral view. 11. Maxillary palpus. 12. Male anal sternite.

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medio-basal part, both sides convex. Elytra 2.34 times as long as wide, 4.17 times the length and 1.6 times the width of pronotum; dorsum flattened, with two weakly undulate along suture at base; disc with rows of deep punctures, those in antero-lateral parts becoming larger, sparser and deeper, weakly elongate, those in posterior parts becoming finer and closer; intervals wide, weakly convex, glabrous, micro-punctate; humeri simply swollen; apices rounded. Abdomen with bent haired punctures, and becoming closer apicad, a little longitudinal rugae, anal sternite without modified. Legs medium sized, femora expanded apicad, clavate, mesotibiae gently bent upward at apical 1/3, ratio of the length of metatarsomere: 1.6, 0.7, 0.65, 1.8. Aedeagus 2.0 mm in length, 0.3 mm in width, gently curved in profile.



Fig 13. *Strongylium zhengi* sp. nov. (♂)

Female. Unknown.

Body length 11.0 mm.

Holotype ♂, Mt. Shengtang (24°14' N, 110°8' E, alt. 900-1900 m), Jinxiu, Guangxi, 28 June 2000, ZHU Chao-Dong leg.

This new species resembles *S. nakanei* Masumoto, 1981 from Taiwan, but can be distinguished from the latter by the coloration of body, entire lateral margins of pronotum and metafemora yellowish near apex.

**Etymology.** The new species is named after Prof. ZHENG Zhe-Min.

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中国树甲属一新种记述 (鞘翅目, 拟步甲科)\*

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摘 要 记述中国树甲属 *Strongylium* 1 新种, 即郑氏树甲 *S. zhengi* sp. nov.。模式标本保存在中国科学院动物研究所。

郑氏树甲, 新种 *Strongylium zhengi* sp. nov. (图 1~13)

正模 ♂, 广西金秀圣堂山 (24°14' N, 110°8' E, 海拔 900 m), 2000-06-28, 朱朝东采。

关键词 鞘翅目, 拟步甲科, 树甲族, 新种.

中图分类号 Q969.498.2

新种与分布于台湾的中根树甲 *S. nakani* Masumoto, 1981 相似, 但可通过以下特征区别于后者: 身体漆黑色, 完整的前胸背板侧缘饰边和后足腿节近端部黄色。

词源: 种名以著名昆虫分类学家郑哲民教授的姓氏命名。

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